

URBANOWSKI, S.

URBANOWSKI, S. 1st. National Conference of the Technical Press. p/ 169.

Vol. 7, no. 7, July 1956

ODZIEZ

TECHNOLOGY

Warszawa, Poland

No: East European Accession, Vol. 6, no. 2, 1957

URBANOWSKI, S.

URBANOWSKI, S. 25th Posnan International Fair. P. 197. Vol. 7. no. 8, Aug.
1956. ODZIEZ. Lodz. Poland.

SOURCE: East European Accession List (EEAL) Vol. 6, No. 4--April 1957

URBANOWSKI, S.

URBANOWSKI, S. Before the 3d Congress of Polish Engineers and Technicians.
p. 281. Vol. 7, no. 11, Nov. 1956. ODZIEŻ, Lodz, Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957.

URBANSKI, Tadeusz; BEIZECKI, Czeslaw; CHECHELSKA, Bozena; CHYLINSKA, Barbara;
DABROWSKA, Halina; FALECKI, Jerzy; GURNE, Daniela; HAIISKI, Leszek;
MALINOWSKI, Stanislaw; SERAFINOWA, Barbara; ZYLOWSKI, Jerzy; SLOPEK,
Stefan; KAMIENSKA, Irena; VERULET, Jan; JANOWIEC, Mieczyslaw; JAKIMOWSEA,
Krystyna; URBANSKA, Alicja; KUZNIEWICOW, Anatol

Searching for new anti-tuberculosis drugs. Gruzlica 26 no.11:889-917
Nov 58.

1. Z Zakladu Syntezy Lekow Instytutu Gruzlicy Kierownik Zakladu: prof.
dr T. Urbanski Dyrektor Instytutu: prof. dr J. Misiewicz Pracownia Synt.
Lekow Przeciwgruzliczych, Warszawa, ul. Koszykowa 75.

(TUBERCULOSIS, therapy,

investigation of 300 cpds. for anti-tuberc. eff. (Pol))

URBANSKA, ALICJA

VENULET, Jan; URBANSKA, Alicja

Effect of histamine and of antihistaminics on function of the reticuloendothelial system. Acta physiol. polon. 5 no.2:187-190 1954.

1. Z Pracowni Farmakologicznej Instytutu Gruslicy. Dyr. Instytutu: prof. dr J. Misiewicz. 2. Z Zakladu Farmakologii Dosciadczaalnej Akademii Medycznej w Warszawie. Kierownik: prof. dr P. Kubikowski.

(HISTAMINE, effects,

on RE system)

(ANTIHISTAMINICS, effects,

on RE system)

(RETICULOENDOTHELIAL SYSTEM, effect of drugs on, antihistaminics & histamine)

URBANSKA, Alicja

URBANSKI, Tadeusz; MALINOWSKI, Stanislaw; SKOWRONSKA-SERAFINOWA, Barbara;
CHECHNIELSKA, Bozena; DABROWSKA, Halina; PALECKI, Jerzy; GURNE,
Daniela; HALSKI, Leszek; SLOPEK, Stefan; KAMIENSKA, Irena;
VENULET, Jan; JAKIMOWSKA, Krystyna; URBANSKA, Alicja

Search for new antituberculous agents. Gruslica 22 no.10:681-690
Oct 54.

1. Z Oddzialu Syntety Lekow Instytutu Gruslicy; kierownik prof. dr.
T.Urbanski, dyrektor: prof. dr. J.Misiewicz.
(CHEMOTHERAPY, in various diseases
tuberc., progr.)
(TUBERCULOSIS, therapy
antituberc. agents, research)

URBAN 3MA, H.

URZANSKA, A., Venulet, J., Jakirowska, K.

The behavior of hydroxamic acids in animal organisms. p. 149.
(WILLEMIN. Vol. 4, no. 4, 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (MEAL) IV. Vol. 4, no. 12, Dec. 1957.
Encl.

URBANSKA, Alicja; VENULET, Jan

Effect of pharmacological preparations on the levels of isonicotinic acid hydrazine in blood & tissues. Gruzlica 25 no.12:969-976 Dec 57.

1. Z Instytutu Gruzlicy Dyrektor: prof. dr J. Misiewicz i z Zakładu Farmakologii Instytutu Leków w Warszawie Kierownik Zakładu: dr med. J. Venulet. Adres: Warszawa, ul. Chelmska 34.

(ISONIAZID, metab.
blood & tissues, eff. of various drugs on isoniazid levels
(Pol))

URBANSKI, T.; SKOWRONSKA-SERAFIN, B.; STEFANIAK, L.; VENULET, J.; JANOWIEC, M.;
JAKIMOWSKA, K.; URBANSKA, A.

On iso-nicotinoylhydrazone of ethyl acetylacetate and its anti-
tuberculous activity. Bul Ac Pol chim. 6 no.8:475-479 '58.
(KHAL 9:6)

1. Institute of Tuberculosis, Warsaw. Technical University
(Politechnika), Warsaw. Communicated by T. Urbanski.
(Isonicotinoylhydrazone) (Ethyl acetoacetate)
(Tuberculosis)

URBANSKA, A

URBANSKI, Tadeusz; BEIZECKI, Czeslaw; CHECHELSKA, Bozena; CHYLINSKA, Barbara;
DABROWSKA, Halina; FALECKI, Jerzy; GURNE, Daniela; HALSKI, Leszek;
MALINOWSKI, Stanislaw; SERAFINOWA, Barbara; ZYLowski, Jerzy; SLOPEK,
Stefan; KAMIENSKA, Irena; VENUJET, Jan; JANOWIEC, Mieczyslaw; JAKIMOWSEA,
Krystyna; URBANSKA, Alicja; KUZNIEWICOW, Anatol

Searching for new anti-tuberculosis drugs. Gruzlica 26 no.11:889-917
Nov 58.

1. Z Zakladu Syntezy Lekow Instytutu Gruzlicy Kierownik Zakladu: prof.
dr T. Urbanski Dyrektor Instytutu: prof. dr J. Misiewicz Pracownia Synt.
Lekow Przeciwgruzliczych, Warszawa, ul. Koszykowa 75.

(TUBERCULOSIS, therapy,

investigation of 300 cpds. for anti-tuberc. eff. (Pol))

URBANSKA, Elzbieta, st. system

Operation analysis of cabinets for bass-reflex loudspeakers.
Prace Inst teletechn 7 no.3:21-36 '63

1. Instytut Tele- i Radiotechniczny, Warszawa.

URBANSKA, Grazyna (Krakow, ul Siemiradzkiego 9)

Notes on the treatment of fractures of the spine with cord lesions.
Chir. narz. ruchu 22 no.4:407-410 1957.

1. Z Oddzialu Chirurgii Urazowej i Ortopedii Szpitala im. G. Narutowicza
w Krakowie. Ordynator: prof. dr J. Zaremba.

(SPINE, fractures
causing spinal cord inj., ther. & rehabil. (Pol))
(SPINAL CORD, wds. & inj.
caused by fract. of spine, ther. & rehabil. (Pol))

URBANSKA, Grazyna

Surgical therapy of a case of sternal fracture. Chir.narz.ruchu
25 no.4:361-365 '60.

1. Z Kliniki Ortopedycznej A.M. w Krakowie Kierownik: prof. dr
J.Zaremba.

(STERNUM fract & disloc)

POTYRALA, Boleslaw; SOBIESZCZANSKA-~~RADOSZEWSKA~~, Lucja; URBANSKA, Izabela.

Studies on hearing in children. Otolaryng. pol. 17 no.4:
377-379 '63.

1. Z Instytutu Matki i Dziecka i z Kliniki Otolaryngologii
Dziecięcej .Kierownik: lek. D.Borkowska-Coertig.

UNCLASSIFIED, Sensitive, and

from the collection of the Central Intelligence Agency, 1975-1976.
Approved for release by the CIA on 04/03/2001.

[POLAND

SCHELLER, S. and URBANSKA, L., Department of Microbiology (Zaklad Mikrobiologii), Sl.AM [Slaska Akademia Medyczna, Silesian Medical Academy] in Zabrze-Rokotnica (Director: Prof. Dr. J. SZAFIARSKI) and the Antituberculosis Hospital (Szpital Przeciwgruzliczy) in Bytom-Miechowice (Director: Dr. J. Nickiel)

"An Evaluation of Vandiviere's Quick Method of Determining Antibiotic Sensitivity in the Tuberculosis Bacillus."

Warsaw-Krakow, Przegląd Lekarski, Vol 19, Ser II, No 3, [24 Mar] 63, pp 182-183.

Abstract: [Authors' Russian summary] Authors investigated the sensitivity of 61 strains of tubercle bacilli to SM and INH by the Vandiviere quick method, and running parallel determinations by the routine method on solid culture media. Coincidence was obtained in only 18 percent of the cases, leading the authors to the conclusion that the quick method is not sufficiently adequate. The three cited references are Western and Internationsl.

[1/1

KUNICKI-GOLDFINGER, Wl.; STACHAL, Wl.; URBANSKA, M.

Soil diphtheroids. 2. Cytology. Acta microbiol Pol 2 no.4:
287-292 '53. (EMAL 3:8)

1. Aus dem Institut für Allgemeine Mikrobiologie der M.Curie-
Skłodowska Universität, Lublin.

(SOIL, bacteriology,
*diphtheroids)

(CORYNEBACTERIUM
*diphtheroids in soil)

MASSALSKI, Wandalin; MIGDALSKA, Barbara; ODRZYWOLSKA, Anna; SZYMANSKA, Danuta;
URBANSKA-DABROWSKA, Halina

Effect of hydrazides of aspartic and glutamic acids on tubercle bacilli.
III. Effect of aspartic acid hydrazide on the course of experimental
tuberculosis in guinea pigs and its comparison with the effect of
isonicotinic acid hydrazide. Gruzlica 29 no.2:121-124 F '61.

(ASPARTIC ACID rel cpds) (ISONIAZID pharmacol)
(TUBERCULOSIS exper)

DUDZIAK, Zenon; SCHELIŃSKI, Stanisław; STURMAN, Jan; URBANSKA, Lechia;
PANEX, Genowefa.

A study of the necrotic antigens. Trials of Fractionation of
Bovine Caseous antigens (TBC). Ann. Univ. Lublin sect. D 19:
271-278 ' 64.

1. Katedra i Zakład Mikrobiologii Lekarskiej, Wydział Lekarski.
AM w Lublinie (Kierownik: prof. dr. Józef Parnas) i Katedra i
Zakład Mikrobiologii Lekarskiej, Śląska AM, Zabrze 8, Rokitnica
(Kierownik: prof. dr. Jerzy Szaflarski).

URBANSKA-BONENBERG, Lucyna

Essay on quantitative determination of clarity of pulmonary fields in emphysema using photoelectric cells. Polski tygod. lek. 10 no.52:1665-1670 27 Dec 55.

1. Z I Klinika Chorob Wewnętrznych Śląskiej A.M. w Zabrze.
Kierownik: prof. dr. med. Witold Zahorski. Zabrze, ul. Brodzinskiego 5 m 1.

(EMPHYSEMA, PULMONARY,
pulm. clarity in, quantitative determ. with
photoelectric cell. (Pol))
(ELECTRONICS,
photoelectric cell in quantitative determ. of pulm.
clarity in pulm. emphysema. (Pol))

EXCERPTA MEDICA Sec 14 Vol. 10/10 Radiology Oct 56

1737. URBANSKA-BONENBERG L. 2. Klin. Chorob. Wewnetr. Slaskiej A. M., Zabrze. Próba ilościowego oznaczania stopnia jasności pól płucnych w rozedmie za pomocą fotokomórki. Quantitative determination of the degree of clarity of the pulmonary fields in emphysema by means of the photoelectric cell POL.TYG.LEK. 1955, 10/52 (1665-1670) Tables 6

In the search for an objective criterion of the intensification of emphysematous lesions, there was determined with a photoelectric cell a degree of clarity of pulmonary fields in the persons suffering from emphysema (45 cases) and in healthy persons (45 cases). In estimating the quantitative values corresponding to the clarity of pulmonary fields, it was seen that in the group with emphysema only a slightly bigger number of radiograms (20) showed clearer pulmonary fields in comparison with the healthy group (12). Due to the influence of technical conditions and individual properties of the examined persons, the sign of an increased transparency of pulmonary fields alone, especially in the chest radiograms, cannot be the criterion of emphysema. This, however, as a fairly accurate and objective method, may be used for measuring the difference in the degree of clarity of pulmonary fields during inspiration and expiration, which would constitute a criterion of the functional efficiency of the pulmonary tissue. Urbanska-Bonenberg - Zabrze

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Urban - Bonenberg
URBANSKA-BONENBERG, Incyna (Zabrze, ul. Brodzinskiego 5 m. 1.)

Diagnostic value of simultaneous thymol and ether tests in differentiation of jaundice. Polskie arch. med. wewn. 27 no.10:1383-1389 1957.

1. Z II Kliniki Chorob Wewnętrznych Sl. Akad. Med. w Zabrzu Kierownik:
prof. dr med. W. Zaborski.

(JAUNDICE, differential diagnosis,

ether thymol simultaneous liver funct. tests (Pol))

(LIVER FUNCTION TESTS,

ether ' thymol simultaneous tests in diag. of jaundice (Pol))

URBANSKA-BONBERG, Iacyna; PODOLICKI, Stanislaw

Case of thrombophlebitis of vena lienalis. Polski tygod. lek. 13 no.46:
1824-1826 17 Nov 58.

1. Z II Kliniki Chorob Wewnetrznych Slaskiej A.M. w Zabrze; kierownik:
prof. dr med. Witold Zahorski. Adres: Zabrze, Brodzinskiego 5 m. 1.
(THROMBOPHLEBITIS, case report
vena lienalis (Pol))
(VEINS, PORTAL SYSTEM, dis.
thrombophlebitis of vena lienalis, case report (Pol))

URBANSKA-BONENBERG, Lucyna (Zabrze, ul. Brodzinskiego 5.)

Differences of degree of translucency of lung fields during expiration & inspiration determined by photoelectric cell in pulmonar emphysema & in healthy subjects. Polski tygod. lek. 14 no.18:808-811 4 May 59.

1. Z II Kliniki Chorob Wewnetrznych Sl. A. M. w Zabrzu; kierownik: prof. dr med. Witold Zahorski).

(EMPHYSEMA, PULMONARY, manifest.

differences in translucency of lung fields during expiration & inspiration, comparison with normal subjects, photoelectric cell determ. (Pol))

URBANSKA-BONENBERG, Lucyna

Liver biopsy by means of Menghini's method with the aid of an ordinary needle and a plug. Polski tygod.lek.15 no.21:788-789
23 My '60.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Zabrze; kierownik: prof
dr med. Witold Zahorski.
(LIVER pathol)
(BIOPSY)

URBANSKA-BONENBERG, Lucyna; ORLOW, Tadeusz

A case of chromophilic tumor of the adrenal gland. Pol. tyg. lek.
17 no.30:1191-1193 23 J1 '62.

1. Z II Kliniki Chorob Wewnętrznych Sl. AM., kierownik: prof. dr med.
Witold Zahorski i z II Kliniki Chirurgicznej Sl. AM w Zabrze, kierownik:
prof. dr med. Jozef Gasinski. (PHEOCHROMOCYTOMA) (ADRENAL GLAND NEOPLASMS)

URBANSKA-BONENBERG, Lucyna

Radiographic photodensimetry in pulmonary fibrosis and emphysema.
Polskie arch. med. wewn. 32 no.5:477-483 '62.

1. Z II Kliniki Chorob Wewnętrznych Sl. AM w Zabrzu Kierownik:
prof. dr med. W. Zahorski.
(PULMONARY FIBROSIS radiog) (PULMONARY EMPHYSEMA radiog)

BUCZKOWSKI, Mieczyslaw; URBANSKA-BONENBERG, Lucyna

Respiratory and circulatory failure due to extreme obesity (Pickwickian syndrome). Pol. arch. med. wewn. 33 no.2:187-191 '63.

1. Z Kliniki Chorob Wewnętrznych i Zawodowych Sl. AM w Zabrze Kierownik:
prof. dr med. W. Zahorski.

(RESPIRATORY INSUFFICIENCY) (OBESITY)
(CARDIOVASCULAR DISEASES)

URBANSKA-BONENBERG, Lucyna; SMIGLA, Krystyna

Evaluation of diagnostic liver biopsy performed with a standard thin needle. Pol. arch. med. wewnet. 34 no.12:1661-1667 '64.

1. Z Kliniki Chorob Wewnętrznych i Zawodowych Śląskiej Akademii Medycznej w Zabrze (Kierownik: prof. dr. med. W. Zahorski) i z Zakładu Anatomii Patologicznej Śląskiej Akademii Medycznej (Kierownik: prof. dr. med. W. Niepolomski).

URBANSKA-BONENBERG, Lucyna

The course of chronic ulcers in miners compared with a group
of metallurgists and workers in other professions. Med. pracy
16 no.2:166-171 165

1. Z Kliniki Chorob Wewnętrznych i Zawodowych Śląskiej Akademii
Medycznej w Zabrze (Kierownik: prof. dr. med. W. Zahorski).

URBANSKAYA, A.

USSR/Pharmacology. Toxicology. Chemotherapeutical
Preparations v

Abs Jour : Ref Zhur-Biol., No 8, 1958, 37706

Author : Venulet I., Yakimovskaya K., Urbanskaya A.

Inst : Not given

Title : Conduct of Hydroxamic Acids in Animal Orga-
nisms (Povedeniye gidroksamovykh kislot v zhi-
votnykh organizmakh)

Orig Pub : Byul. Pol'skoy AN, 1956, Otd. 2, 4, No 5, 195-201

Abstract : The blood content of salicyl hydroxamic acid
(I) 5-brom-salicyl hydroxamic acids (II) was de-
termined colometrically. I and II were found in
the blood in the amount of 16 mg/ml in the first
4 minutes after their administration in a dose
of 0.05 g/kg the color reaction disappeared 25-40
minutes later. In large quantities both prepara-
tions (50%) combine with erythrocytes, and in 30%

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1st and 10th covers										2nd and 4th covers									
PROCESS AND PROPERTIES INDEX																			
<p>UPDINSKAYA, O. S.</p> <p><i>22</i></p> <p><i>a-1</i></p> <p>Catalytic oxidation of propyl alcohol. I. G. LARSEN, O. S. UPDINSKAYA, and E. D. (MASHV. SHAYA (J. Appl. Chem., Russia, 1952, 5, 851-852).—Maximal conversion of $\text{C}_3\text{H}_7\text{OH}$ and H_2O are passed over a $\text{Co}-\text{CuO}$ catalyst (acid, yield, $\text{C}_3\text{H}_7\text{CHO}$—65%, $\text{C}_3\text{H}_7\text{COOH}$—30%). Flow passage of the vapors through the reaction tube decreases the HCHO formed. $\text{CH}_3\text{CHO}-\text{CHO}$ is also formed. Pyrolytic oxidation of HCHO to HCOOH results in low yields.</p> <p>Ch. Abs.</p>																			
<p>ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																			
FROM SYNONYM										FROM SYNONYM									
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REMARKS										REMARKS									
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URBANSKAYA, O. S.

β-Amino acids. Synthesis of *β*-guanidino acids and their transformation into hexahydropyrimidines. V. M. Radionov and O. S. Urbanskaya. *Zhur. Obshch. Khim.* (J. Gen. Chem.) 18, 2624-32 (1948). $H_2NCH(OH)Me$ \cdot NH_4Cl prep. by passing dry HCl into NH_4CN in $MeOH$, was used as the reagent in the form of the free base (by addn. of $MeONa$ to the HCl salt in $MeOH$). Thus, 2.76 g. Na in 40 ml. $MeOH$ was added to 13.26 g. of the above salt in 100 ml. $MeOH$, chilled, filtered, and treated with 10 g. $PhCH(NH_2)CH_2CO_2H$ with addn. of $MeOH$ to preserve solv.; after standing several days the mixt., coned. in $vacuo$, gave 25.6% *β*-phenyl-*β*-guanidinopropionic acid (I), needles, decomp. 245-6°, sol. in H_2O , poorly sol. in $EtOH$, insol. in $CHCl_3$, C_6H_6 , and Me_2CO ; after crystn. from aq. $EtOH$ it m. 249-50°, *picrate*, m.p. not given, yellow needles, obtained by mixing aq. solns. of the acid and picric acid, easily changed by crystn. from water into the *picrate* of 1-phenyldihydroisoxysine. A similar procedure with *β*-aminopelargonic acid gives 50.6% *β*-guanidinopelargonic acid (II), m. 248-9° (crude), m. 250-1° (from aq. $EtOH$); *picrate*, m. 151-4° (from dil. $EtOH$); the synthesis gives a by-product, m. 130-41°, apparently a compl. between *β*-aminopelargonic acid and II. Similarly, $MeCH(NH_2)CH_2CO_2H$ gave in 24 hrs. 61% *β*-guanidinobutyric acid (III), m. 272-3° (from 1:1 $EtOH$); *picrate*, m. 166-7° (from H_2O); *β*-alanine gave in 24 hrs. 91.5% *β*-guanidinopropionic acid, m. 217-18° (from aq. $EtOH$), sol. in H_2O , almost insol. in $EtOH$, insol. in $CHCl_3$, Et_2O , Me_2CO ; *picrate*, m. 204-5° (with decompn.). I (2.5 g.) boiled 2 hrs. with 37.5 ml. H_2O and 37.5 ml. coned. HCl gives on partial cooling 0.4 g. cinnamic acid, and on final cooling

0.6 g. *2-imino-4-phenyl-6-oxohexahydropyrimidine-HCl*, m. 214-15° (from $EtOH$); evapn. of the mother liquor gives an addnl. 0.9 g. (total yield, 55%); addn. of Ag_2O to give the free base gives its complex with $AgCl$, the free base is best isolated by coned. NH_4OH , when it forms a voluminous ppt., m. 214-5° (crude), m. 251-2° (from $EtOH$); *picrate*, m. 220-1°, needles from H_2O . II (2.8 g.) boiled with 80 ml. fuming HCl 1 hr., evapd., taken up in H_2O , and NH_4OH added, gives 97% *2-imino-4-phenyl-6-oxohexahydropyrimidine*, m. 254-5° (from $EtOH$); *picrate*, m. 172-4° (from dil. $EtOH$); HCl salt, m. 142-3° (from $EtOH$). Boiling 1.58 g. III with 40 ml. HCl and 40 ml. H_2O 2 hrs. and the above treatment give 76% *2-imino-4-methyl-6-oxohexahydropyrimidine*, m. 204-5° (from H_2O); *picrate*, m. 211-12° (decompn.); HCl salt, m. 231-2° (from $EtOH-Et_2O$). The guanidino-propionic acid does not cyclize under these conditions.

G. M. Kosolapoff

AUTHOR: Urbanskaya, O. S. SOV/79-29-1-37/74

TITLE: On the Reaction of Tertiary Alcohols With Urea (O reaktsii tretichnykh spirtov s mochevinoy)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 1, pp 174-179 (USSR)

ABSTRACT: The reaction of tertiary alcohols with urea was recommended for the synthesis of alkyl ureas (Ref 1)(especially with tertiary butyl, tertiary amyl alcohol and methyl-diethyl carbinol), which can easily be transformed into primary amines otherwise being hardly accessible, with tertiary alkyls on nitrogen (Ref 2). The question whether this method is applicable to all tertiary alcohols, suggested itself. In the investigation of different carbinols the author found that their radical structure plays an important part in the reaction (see Table 1). The most essential factor which determines the capability of the tertiary alcohols of alkylating urea appears to be their more or less pronounced tendency towards the concurrent dehydration under the formation of unsaturated hydrocarbons. These reactions proceed in concentrated sulfuric acid. As is known, the capability of alcohols of dehydrating increases with the substitution of less

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On the Reaction of Tertiary Alcohols With Urea

SOV/79-29-1-37/74

electrophilic alkyls for the hydro carbinols and attains its maximum with tertiary alcohols. It may be assumed that with a substitution of radicals of less intense electrophilic character for those with a stronger one the dehydration capability in tertiary alcohols increases as well, according to the order of graduation $H > CH_3 > C_2H_5 > CH(CH_3)_2 > CH_2CH_2CH_3 > C(CH_3)_3$ (Ref 5). As may be seen from table 1 the yield of alkyl ureas decreases from alcohol 6 to alcohol 11 and is equal to zero with the alcohols 14 and 15. In the presence of two alkyls in the carbinol group of less intense electrophilic character than with methyl the yield of alkyl ureas decreases (alcohols 1-3). The small yield with the alcohols 12 and 13 may be explained by the facilitated dehydration of secondary alkyl carbinols, as compared with the primary ones. Finally, the alcohols 4 and 5 practically do not react with urea because their dehydration leads to the formation of conjugated systems which supply power energy. The dimethyl ethyl-, dimethyl-propyl-, dimethyl-butyl-, dimethyl-hexyl-, and dimethyl-heptyl carbin ureas were transformed into the corresponding amines (Table 3).

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On the Reaction of Tertiary Alcohols With Urea

SOV/79-29-1-37/74

There are 3 tables and 9 references, 1 of which is Soviet.

ASSOCIATION: Voyennaya akademiya khimicheskoy zashchity (Military Academy of Chemical Protection)

SUBMITTED: December 17, 1957

Card 3/3

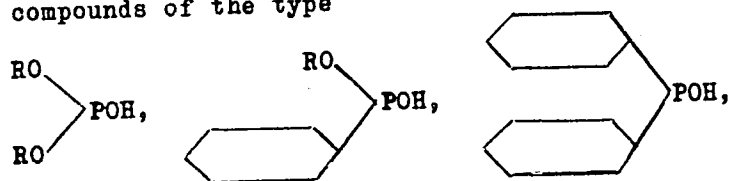
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AUTHORS: Petrov, K. A., Urbanskaya, O. S.

TITLE: Amidation Reaction of Some Compounds of Trivalent Phosphorus

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 4, pp. 1233-1238

TEXT: The present paper deals with the reaction of chloramine with compounds of the type



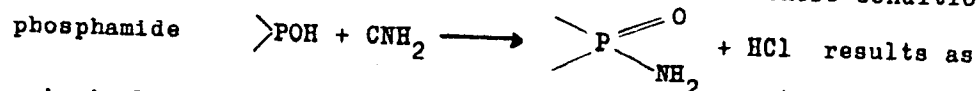
which led to a new method of synthesizing the amides of phosphoric and phosphinic acid. The direct amidation of compounds of trivalent phosphorus could be useful for the synthesis of compounds with the phosphamide group. This group, like the sulfamide group, may impart

Card 1/3

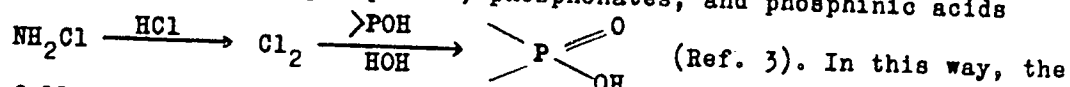
Amidation Reaction of Some Compounds of
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pharmacological properties to the compounds. In the reaction with chloramine, di-n-butyl-, di-isoamyl-, di-n-hexyl-phosphites, monoisoamyl-phenyl phosphonite, and diphenyl phosphinic acid were used. The best results were obtained if the aqueous solution of chloramine was added to the above-mentioned compounds of trivalent phosphorus, by cooling the well-stirred reaction mixture. Under these conditions, the



principal product. Increase in reaction temperature, or a reverse order in adding the reagents, yields considerable, frequently even predominant quantities of acid phosphates, phosphonates, and phosphinic acids



following compounds were obtained: Di-n-butyl-, di-isoamyl-, di-n-hexyl-amido phosphate, pentoxy-amido-phenyl phosphonate, and amido-diphenyl phosphonate. All these compounds (except for diisoamyl-amido phosphate)

Card 2/3

Amidation Reaction of Some Compounds of
Trivalent Phosphorus

S/079/60/030/04/40/080
B001/B016

could also be obtained by the usual method though, in some cases, with smaller yields and lower purity (last Scheme). The structural formulas and yields of 9 compounds hitherto not yet described are given in the table. G. V. Gubin, V. M. Budanov, V. I. Teslin and V. M. Portnov assisted in the experiments. There are 1 table and 5 Soviet references. ✓

SUBMITTED: April 27, 1959

Card 3/3

URBANSKIY, DOBOSZ

POLAND/Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36108.

Author : Urbanskiy, Dobosz (XXXVI); Urbanskiy, Piotrowskiy
(XXXVII)

Inst : Not given.

Title : Aliphatic Nitro-Compounds. Production of Hydroxylamine
Sulphate from 1,2-Dinitroethane (XXXVI); Production of
Caprolactams from Cyclohexanone and Dinitroethane (XXXVII)

Orig Pub: Przem.Chem., 1957, 13, No 7, 387-389; No 8, 455.

Abstract: XXXVI. A method of production of NH_2OH . H_2SO_4 by
hydrolysis of $(\text{CH}_3\text{NO}_2)_2$ is proposed. This method may
have a commercial importance. A quantity (2gr) of $(\text{CH}_3\text{NO}_2)_2$
is gradually added to the 98% H_2SO_4 (3.5 g) at 100°C while
agitating the mixture. After the stoppage of gas genera-
tion the mixture is cooled down to $5-10^\circ\text{C}$. followed by

Card : 1/3

3

POLAND/Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour: Ref. Zhur.-Kimiya, No II, 1958, 36108.

the addition of 8-10cc. of alcohol. The yield of $\text{NH}_2\text{OH} \cdot \text{H}_2\text{SO}_4$ amounts to 79%. The article reviews questions pertaining to the hydrolysis of nitroparaffins. Bibliography - 20 titles.

XXXVII. The utilization of $(\text{CH}_2\text{NO}_2)_2$ for the synthesis of caprolactams is proposed. Claims made in various patents are compared: Swiss patent 273402 of 1952, U.S. patent 2569114 of 1952, and Polish patent 40009 of 1956. A mixture of CH_3COOH and $(\text{CH}_2\text{NO}_2)_2$ is added in 10 gr. portions to 35 gr. of 98% H_2SO_4 at temperatures of -120° to -125°C . This is followed by the addition (but 20 minutes later) of 12.5 gr. of cyclohexanone at the same temperature. The above mixture is then added to a 25% solution of NaOH while the temperature is maintained at $< 50^\circ\text{C}$.

Card : 2/3

POLAND/Organic Chemistry. Synthetic Organic Chemistry.

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Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36108.

The yield of caprolactam amounted to 72%. Report XXXV
see in Ref Zhur-Khimiya, 1958, 32461.

Card : 3/3

4

URBANSKI, Henryk, mgr., inz.

Radio installations. Bud okretowe Warszawa 6 no.11:347-349 '61.

1. Polski Rejestr Statkow.

(Radio)

URBANSKI, Henryk, inż.; BUDNY, Tadeusz, inż.

Induction hardening of drill chucks. Przegl elektrotech
38 no.10:446-448 0:62.

1. Zakład Elektrotermii, Instytut Elektrotechniki,
Warszawa.

OLPINSKI, Wojciech, doc. dr.; KOLODZIEJCZYK, Bogdan, mgr inz.
URBANSKI Henryk, mgr inz.; STRZELECKI, Boleslaw, inz.

Ways of tightening the sidewalls of dog headings and fire
hazard dams. Wiadom gorn 15 no. 6:196-199 Je '64.

LEDER, Stefan: UREANSKI, Ilicz

A case of mental disorders during the course of disseminated lupus erythematosus. Polski tygod.lek. 15 no.37;1418-1421 12 S '60.

1. Z I Oddziału Psychiatrycznego Ijstytutu Psychoneuroloicznego w Pruszkowie; dyrektor: prof. dr. Z.Kuligowski; kierownik oddziału: prof. dr A.Jus.

(LUPUS ERYTHEMATOSUS dompl)
(MENTAL DISORDERS etiol)

BARTOSZEWSKI, Jerzy; KLEINDIENST, Jerzy; URBANSKI, licz

Universal Forrest's test V in controlling neuroleptic therapy
in some patients. Pol. tyg. lek. 19 no.45:1732-1734 N 9 '64

1. Z Panstwowego Szpitala dla Nerwowo i Psychicznie Chorych
w Drewnicy (dyrektor: dr. med. Z. Jaroszewski)

URBANSKA, Jadwiga, mgr

From the Zielona Gora Branch of the Polish Pharmaceutical
Society. Farmacja Pol 20 no.9/10:382 25 My '64.

MIHA, Stefan, mgr inz., UKOBNVI, Jazeli, Dr

Analysis of modern methods of determining the position of
a ship at sea. Pt. 2. Przeglad 35 il. 36; no. 2
98-101 Mr 164.

WISLA, Stefan, mgr inz.; Urbanski, Jozef, dr.

Analysis of modern methods of determining the position of
a ship at sea. Przegl. geod. 36 no.2:57-60 F'64

URBANSKI, J.

Polish Technical Abst.
No. 1 1954
Other Branches of National
Economy, Miscellaneous

674.048 : 674.028.9 : 674.038.4.001.2
Zentkeler M., Sytek J., Urbanski J. Research over Bonding Woods
Impregnated by Various Means.

„Badania nad sklejalnością drewna w różny sposób załmpregnowa-
nego". Przemysł Drzewny. No. 2, 1953, pp. 52—54, 3 tabs.

Method and result of research over the influence of impregna-
ting media on the ultimate bondability of impregnated wood. The im-
pregnating media used in the tests were aqueous solutions of organic
and inorganic compounds, bonding being carried out with cold-binding
casein glue. Certain of the impregnating media had no influence on
the strength of bonds, while others slightly reduced the strength. So-
dium fluoride proved to be the most satisfactory impregnating medium.
No tests were carried out to determine the influence of oily impregnat-
ing media which are unsuitable for use in house and railway wagon
building. The Polish „Impercol" compregnating method, developed in
1950, makes it possible to hot-bond large-size wooden elements and
simultaneously impregnate them with creosote oil.

MF 9-11-51

URBANSKI, JAROSLAW

Wielkopolski park narodowy. [Wyd. 1.] Poznan, Panstwowe Wydawn.
Naukowe, 1955. 146 p. (Wielkopolska w oczach przyrodnika) [Great
Poland National Park. 1st ed. illus., maps, bibl., index]

SOURCE: East European Accessions List (EEAL), Library of Congress,
Vol. 4, No. 12, December 1955.

URBANSKI, J.
URBANSKI, J.

Ten years of zoological research in the projected Wolin National Park.

p. 173 (Biologia) No. 1, 1956, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN.1958

Urbanski, Jaroslaw

Poland/General Division. Conservation of Nature

A-5

Abs Jour : Ref Zhur-Biologiya, No 2, 1958, 4704

Author : Urbanski Jaroslaw.

Inst :

Title : Reservation "Buki" on Lutomsk Lake

Orig Pub : Chronmy przyr. o j c z., 1957, 13, No 2, 12-22

Abstract : Reservation "Buki" (Poznan' voyevodstvo) is a beech grove, the remnant of a large forest. This narrow (100m) strip of forest is three kilometers long. The older trees are about 300 years old. No large mammals exist there.

Card 1/1

URBANSKI, J.

Materials on the fauna of Isopoda of Western Poland. p.219.

BADANIA FIZJOGRAFICZNE NAD POLSKA ZACHODNIA. Poznan, Poland. Vol.4, 1958.

Monthly List of East European Accessions Index (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

URBANSKI, J.

The Tartar lettuce (Lactuca tatarica L. C. A. Meyer) near Swinemunde. p.241.

BADANIA FIZJOGRAFICZNE NAD POLSKA ZACHODNIA. Poznan, Poland. Vol.4, 1958.

Monthly List of East European Accessions Index (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

UREANSKI, J.

Flora of the city of Poznan as material to the knowledge of flora found mostly in urban areas. p.245.

BADANIA FIZJOGRAFICZNE NAD POLSKA ZACHODNIA. Poznan, Poland. Vol.4, 1958.

Monthly List of East European Accessions Index (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

URBANSKI, J.

Eucobresia diaphana Drap. (Gastropoda, Pulmonata) in Lagow, Lubus region. p.273.

BADANIA FIZJOGRAFICZNE NAD POLSKA ZACHODNIA. Poznan, Poland. Vol.4, 1958.

Monthly List of East European Accessions Index (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

URBANSKI, J.

Materials of the zoological bibliography of the Lubus region and Western Pomerania as well as of the neighboring Western Territories. Pt.1. p.293.

BADANIA FIZJOGRAFICZNE NAD POLSKA ZACHODNIA. Poznan, Poland. Vol.4, 1958.

Monthly List of East European Accessions Index (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

URBANSKI, J.

Contribution to the study of the mollusk fauna on Thasos Island and
on the Macedonian-Thracian coast. Izv Zool inst BAN 9:71-105 '60.
(EEAI 10:9)

1. Aus dem Zoologischen Institut der Bulgarischen Akademie der
Wissenschaften in Sofia und dem Institut für allgemeine Zoologie
der A. Mickiewicz Universität in Poznan.

(Mollusks)

URBANSKI, Jaroslaw

Contribution to the knowledge of Balkan Stylenmatophora.
Sciences biol Biul Poznan no.4:19-54 '64.

1. Institute of General Zoology, A Mickiewicz University,
Poznan.

RIEDEL, Adolf; URBANSKI, Jaroslaw

Systematic position and data concerning occurrence of *Paraegopis*
(*Balcanodiscus* subgen.n.) *frivaldskyanus* (Rossmassler, 1842)
(Gastropoda, Zonitidae). *Annales zool* 22 no.4:69-79 '64

S/275/63/000/001/013/035
D469/D308

AUTHORS: Fryszman, Alexander, Bilińska, Bożena, Urbański, Jerzy
and Zarzycka, Ewa

TITLE: A light-sensitive layer suitable for transmitter TV
tubes and the method of its preparation

PERIODICAL: Referativnyy zhurnal, Elektronika i yeye primeneniye,
no. 1, 1963, 38, abstract 1A 219 P (Polish patent,
kl. 21g, 13/25, no. 44593, July 1, 1961)

TEXT: The patented highly sensitive substance with high resisti-
vity can be used for storage signal electrodes operating under nor-
mal conditions. The semiconductor Sb_2S_3 is activated by a mixture
of Cu, Au and Ag. The mixture (whose weight is 0.1 to 0.5% of the
weight of the semiconductor) is deposited on the output side and
then fused twice in vacuum or in the atmosphere of an inert gas.
Further stages of preparation of the signal electrode are not dif-
ferent essentially from the usual procedures employed during pro-

Card 1/2

A light-sensitive layer ...

S/275/63/000/001/013/035
D469/D308

duction of vidicons (sputtering in a N atmosphere). The resultant sensitivity is 5 times greater than that of standard vidicons; the dark current in signal electrode is somewhat diminished.

ASSOCIATION: Przemysłowy Instytut Elektrotechniki, Poland
[Abstracter's note: Complete translation.]

Card 2/2

URBAŃSKI, J.

Chemical Abstracts
May 25, 1954
Organic Chemistry

①
Ethylene oxide in the chemical industry. J. Urbański.
Przemysł Chem. 31(8), 288-95(1952).—The methods of
manuf. and the uses of $(CH_2)_2O$ in the chem. industry are
reviewed. 17 references. Frank Gonci

16-12-54

mlx

Country	: POLAND	G
Category	: Organic Chemistry. Synthetic Organic Chemistry	
Abstr. Jour	: Ref Zhur - Khim., No 5, 1959, No. 15339	
Author	: Urbanski, T.; Urbanski, J.	
Institut.	: Polish AS	
Title	: On Products of Nitration of p,p'-Azoxyanisole	
Orig. Pub.	: Bull. Acad. polon. sci. Ser. sci. chim., geol. et geogr., 1958, 6, No 5, 299-303, XXIII	
Abstract	: Nitration of p,p'-azoxyanisole (I), m.p. 116°, was studied. A mixture of 40% HNO ₃ , 55% CH ₃ COOH and 5% water nitrates I at 20° to 3,3'-dinitroazoxy-4,4'-anisole (II), yield 60%, m.p. 210-212°; mixture of 64% HNO ₃ , 34% CH ₃ COOH and 20% water at 85° nitrates I to 3,5,3'-trinitroazoxy-4,4'-anisole (III), yield 60%, m.p. 179-180°. Mixture of HNO ₃ (d 1.50) and 85% H ₃ PO ₄ (1:1) at 30° nitrates I to III, yield 80%, and at 85° to 3,5,3',5'-tetranitroazoxy-4,4'-anisole	
Card:	1/2	

Country	:		G
Category	:		
Abstr. Jour	:	Ref Zhur - Khim., No 5, 1959,	No. 15339
Author	:		
Institut.	:		
Title	:		
Orig. Pub.	:		
Abstract cont'd.	:	<p>(IV), yield 35%, m.p. 239-240°. The structure of II and IV was demonstrated by reduction to 2,4-diaminoanisole and 2,6-diamino-4-oxyanisole, respectively. By nitration of III, IV was obtained, and by dealkylation of III, 4-oxy-4'-methoxy-3,5,3'-trinitroazoxybenzene is obtained. The authors consider the obtaining of III as proof of the asymmetrical structure of the azoxy group.-- R. Zhurin</p>	
Card:		2/2	

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POLAND / Organic Chemistry. Synthesis.

G

Abs Jour: Ref Zhur-Khimiya, No 7, 1959, 23335

Author : Urbanski, T.; ~~Urbanski, J.~~

Inst : Academy of Sciences, Poland

Title : On Some New Unsymmetrical Isomeric Derivatives of
Tetranitroazoxybenzene.

Orig Pub: Bull. Acad. polon. sci. Ser. sci. chim., geol. et
geogr., 1958, 6, No 5, 305-306, XXIV

Abstract: The preparation of two pairs of isomeric asymmetric derivatives of 3,5,3',5'-tetranitroazoxybenzene $RR'(NO_2)-C_6H_2N(O)=NC_6H_2(NO_2)_2R''$ (I. R = 5-NO₂, a R' = OCH₃, R'' = Cl; b R' = Cl, R'' = OCH₃; c R' = OH, R'' = Cl; d R' = Cl, R'' = OH) is described. Their existence is a new confirmation of the theory of Angeli (Angeli A., J. chim. ital., 1916, 46, (2), 67) concerning the asymmetric

Card 1/3

POLAND / Organic Chemistry. Synthesis.

G

Abs Jour: Ref Zhur-Khimiya, No 7, 1959, 23335

Abstract: structure of the azoxy group. I ($R = 5-H$, $R' = OCH_3$, $R'' = OH$) is treated with $p-CH_3C_6H_4SO_2Cl$ in the presence of $C_6H_5NO_2$ and $C_6H_5N-(C_2H_5)_2$, the produced I ($R = 5-H$, $R' = OCH_3$, $R'' = Cl$) (Ie) is nitrated (80°) with a mixture of HNO_3 and H_3PO_4 (2:1), and Ia (melt. p. $185-186^\circ$) is obtained. By the saponification (HBr acid, CH_3COOH , 110°) of Ia, Ic is produced melt. p. $198-201^\circ$. Ic is treated with NaOH solution in CH_3OH in the presence of ethylacetate, and Ib (melt. p. $203-204^\circ$) is obtained from the produced I ($R = 5-NO_2$, $R' = OH$, $R'' = OCH_3$) similarly to Ie. Id, melt. p. $214-217^\circ$, is obtained by saponification of Ib similarly

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G-6

POLAND / Organic Chemistry. Synthesis.

G

Abs Jour: Ref Zhur-Khimiya, No 7, 1959, 23335

Abstract: to Ic (120°). The great reaction capacity of the
OCH₃ group in Ia as compared with Ib is noted.
-- V. Zaretskiy

Card 3/3

URBANSKI, T.; URBANSKI, J.

On products of nitration of bis-4,4'-(dimethylamine)-azoxybenzene.
Bul Ac Pol chim 6 no.5:307-308 '58. (EEAI 9:7)
(Bisdimethylaminoazoxybenzene)
(Nitration)

URBANSKI, J.

The structure of the azoxy group. p. 125.

WIADOMOSCI CHEMICZNE. (Polskie Towarzystwo Chemiczne) Wroclaw, Poland.
Vol. 13, No. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 8, Aug. 1959
Uncl.

URBANSKI, J

Derivatives of azoxybenzene. I. Products of nitration of *p,p'*-azoxyanisole. Tadeusz Urbanski and Jerzy Urbanski (Politechnika, Warsaw). *Roczniki Chem.* 33, 669-68 (1959) (English summaries).—Evidence was given by Angeli (C.A. 11, 1150) that the azoxy group in aromatic compds. possesses an asym. structure, N(O):N. The authors suggest that, denoting two aromatic rings by A and B, the ring nearest the N(O) moiety would be called the B ring. The substituents of the B ring would bear customary notations *o'*, *m'*, *p'*, or 2', 3', 4'. It is shown by nitration of *p,p'*-azoxyanisole (I) under different conditions that the B ring is less readily nitrated than the A ring. The following compds. are obtained: tetranitro deriv. of I (m. 235-40°), 4,4'-dimethoxy-3,3'-dinitro- (m. 210-12°) and -3,5,3'-trinitroazoxybenzene (m. 179-80°), *N,N'*-diacetylaminoanisole (m. 203-6°), 2,6-diacetylamino-4-hydroxyanisole (m. 230-34°), 4-acetylhydroxyanisole (m. 198-202°), 4-acetoxyanisole (m. 197-207°), and trinitro deriv. of I. II. Position isomers of unsymmetrical derivatives of 3,5,3',5'-tetranitroazoxybenzene. *Ibid.* 687-92.—The lack of symmetry of trinitroazoxyanisole, producing different mobilities of the methoxy groups, enables one to obtain a no. of pairs of position isomers of derivs. of 3,5,3',5'-tetranitroazoxybenzene (I). The following ones are obtained: 4-chloro-4'-methoxy- (m. 185-6°), 4-methoxy-4'-chloro- (m. 203-4°), 4-chloro-4'-hydroxy- (m. 198-201°), and 4-hydroxy-4'-chloro deriv. of I (m. 214-17°). Their existence can only be

explained as due to the unsym. structure of the azoxy group according to the Angeli hypothesis. The reactivity of the OMe group attached to the B ring is higher than of the group when on the A ring. III. Products of nitration of *p,p'*-azoxydimethylaniline. *Ibid.* 693-702.—Nitration of 4,4'-bis(dimethylamino)azoxybenzene with 80% HNO₃ gave 4,4'-bis(methylnitroamino)-3,5,3',5'-tetranitroazoxybenzene (I), m. 208-9° (decompn.). The structure of azoxy-tetryl, analogous to that of tetryl, the product of nitration of dimethylaniline, is postulated for I. Attempts to prove it by prepn. of I from tetranitroazoxyanisole (II) give the following products. Heating of II with HBr in AcOH yields 4,4'-dihydroxy- (III) (m. 188-7°), and chlorination of III with *p*-toluenesulfonyl chloride gives 4,4'-dichloro-3,5,3',5'-tetranitroazoxybenzene (IV) (m. 236-8°). IV with methylamine (V) in EtOH, gives 4,4'-dimethylamino (VI) (m. 260-1°) and in toluene soln. VI and 4-chloro-4'-methylamino deriv. (VII) (m. 207-8°). The formation of VII is an addnl. proof of the unsym. structure of the azoxy group. Nitration of VI gives I. A. Kreglewski

4
HE 3d

2,2,2(NB)

4E2-c-gp

gg

URBANSKI, Jerzy; IWANSKA, Stanislaw

Determination of small amounts of chlorides in polycarbonates.
Chem anal 7 no.6:1129-1137 '62.

1. Institute of Plastics, Warsaw.

URBANSKI, Jerzy

Determination of end groups in polycarbonates. Pt.1. Rosn
chemii 36 no.10: 1441-1448 '62.

1. Department of Physical Chemistry, Institute of Plastics,
Warsaw.

URBANSKI, Jerzy

Testing the thermal strength of polyvinyl chloride. Pt.2.
Polimery tworzyw wielk 8 no.9:331-336 '63.

1. Instytut Tworzyw Sztucznych, Warszawa.

URBANSKI, Jerzy

Studies on the thermal strength of polyvinyl chloride. Pt.2.
Polimery tworzyw wiel 8 no.10:370-372 0'63.

1. Instytut Tworzyw Sztucznych, Warszawa.

URBANSKI, Jerzy, dr; IWANSKA, Stanislaw

Determination of small quantities of chlorides and organic chlorine in epoxy resins. Chem anal 9 no.1:11-20 '64.

1. Institute of Plastics, Warszawa.

PIOTROWSKI, Romuald; URBANSKI, Krzysztof

A case of Engelmann's disease in an infant. Pol. przegl. radiol.
28 no.5:401-405 8-9 '62

1. Z Wojewodzkiego Specjalistycznego Szpitala Dzieciatego w
Olsztynie (Dyrektor lek. med. L. Gweldkiewicz).

HERMAN, Alojzy, inż.; URBANSKI, Leon, technik

Heat economizing in rectified spirit production with the
Barbet apparatus. Gosp paliw 11 Special issue no.(95):22-23 '63.

1. Lesznenskie Zakłady Przemysłu Spirytusowego, Leszno.

URBANSKI, M.

"Some considerations of the standards of pulpwood consumption." p.346.
(PRZEGLAD PAPIERNICZY. Vol. 10, No. 11, Nov. 1954. Lodz, Poland)

SO: Monthly List of East European Accessions. (EEAL). LC. Vol. 4, No. 4.
April 1955. Uncl.

URBANSKI, M.

Proper economy of young cadres, p. 91. (PRZEGLAD PAPIERNICZY, Lodz, Vol. 11, no. 3, Mar. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. ⁶~~2~~, Jan. 1955, Uncl.

CHWALIBOG, J., URBANSKI, M. and BARTOSZ, B., Wojewodztwo Veterinary Hygiene Office (Wojewodzki Zaklad Higieny Weterynaryjnej) Gorzow Wlkp. Dr. J. Chwalibog, Head.

"Diarrhea in Swine Caused by a Strain of Bacteria with Biochemical Properties of E. coli and Antigen Properties of S.flexneri"

Lublin, Medycyna Weterynaryjna, Vol 22, No 5, pp 273

Abstract: The rarely encountered strain of Escherichia coli serologically identical with S. flexneri 3a was isolated. Experimental infection of swine showed this strain to be semi-pathogenic, capable of creating the full pathogenic symptom only under favorable conditions (e.g. malnutrition).
No references.

- END -

CSO: 2000-N

1/1

- 76 -

URBANSKI, Piotr

The OMG-2 thickness reflection gauge. Nukleonika 7 no.7/8:531-534 '62.

1. Instytut Badan Jadrowych, Polska Akademia Nauk, Zaklad Jadrowej Elektroniki Przemyslowej, Dzial Jadrowej Aparatury Przemyslowej, Warszawa.

URBANSKI, Piotr, mgr inż.

Thickness measurements based on the utilization of the phenomenon of gamma-ray back scattering. Pomiary 9 no.6: 249-253 Je '63.

1. Instytut Badan Jadrowych, Zaklad Nr. XV, Dzial Izotopowej Aparatury Przemyslowej, Warszawa.

L 8528-66 EWP(v)/EWP(k)/EWP(h)/EWP(l)
ACC NR AP5025557

SOURCE CODE: PO/0021/65/000/008/0296/0299

AUTHOR: Urbanski, S. (Doctor); Owczarski, T. (Master engineer)

ORG: Institute of Electrical Engineering (Instytut Electrotechniki)

TITLE: Computational and experimental methods in the synthesis of automatic drive systems using the example of an automatic speed synchronization system

SOURCE: Przegląd elektrotechniczny, no. 8, 1965, 296-299

TOPIC TAGS: automatic control system, automatic control design, automatic control equipment, electronic feedback

ABSTRACT: The example of an automatic speed synchronization system is used to discuss computational and experimental methods for the synthesis of automatic drive systems. Operational transmittances are derived for the separate units of the system and the root-locus method is used for synthesis. Two variants of compensation are considered: tandem-only and feedback-tandem compensation. Block diagrams of the system employing the two types of compensation are shown. A model system employing the two types of compensation was built, and the experimental results obtained as well as oscillograms of the responses of the model system to load-torque disturbances are presented and discussed. The experimental results show that the system with elastic feedback has much better amplification than the system with tandem-only compensation of either the differentiating or the integrating type. The system

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UDC: 621.316.7.001.2

L 8528-66

ACC NR: AP5025557

with feedback-tandem compensation has a much higher speed of response than the system with tandem-only compensation. Orig. art. has: 7 figures and 25 formulas.

SUB CODE: EE, IE / SUBM DATE: none

Card 2/2

Urbanskiy, Piotrowskiy

POLAND/Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36108.

Author : Urbanskiy, Dobosz (XXXVI); Urbanskiy, Piotrowskiy
(XXXVII)

Inst : Not given.

Title : Aliphatic Nitro-Compounds. Production of Hydroxylamine
Sulphate from 1,2-Dinitroethane (XXXVI); Production of
Caprolactams from Cyclohexanone and Dinitroethane (XXXVII)

Orig Pub: Przem.Chem., 1957, 13, No 7, 387-389; No 8, 455.

Abstract: XXXVI. A method of production of $\text{NH}_2\text{OH} \cdot \text{H}_2\text{SO}_4$ by
hydrolysis of $(\text{CH}_2\text{NO}_2)_2$ is proposed. This method may
have a commercial importance. A quantity (2gr) of $(\text{CH}_2\text{NO}_2)_2$
is gradually added to the 98% H_2SO_4 (3.5 g) at 100°C while
agitating the mixture. After the stoppage of gas genera-
tion the mixture is cooled down to $5-10^\circ\text{C}$. followed by

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Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36108.

the addition of 8-10cc. of alcohol. The yield of $\text{NH}_2\text{OH} \cdot \text{H}_2\text{SO}_4$ amounts to 79%. The article reviews questions pertaining to the hydrolysis of nitroparaffins. Bibliography - 20 titles.

XOXVII. The utilization of $(\text{CH}_3\text{NO}_2)_2$ for the synthesis of caprolactams is proposed. Claims made in various patents are compared; Swiss patent 273402 of 1952, U.S. patent 2569114 of 1952, and Polish patent 40009 of 1956. A mixture of CH_3COOH and $(\text{CH}_3\text{NO}_2)_2$ is added in 10 gr. portions to 35 gr. of 98% H_2SO_4 at temperatures of -120° to -125°C . This is followed by the addition (but 20 minutes later) of 12.5 gr. of cyclohexanone at the same temperature. The above mixture is then added to a 25% solution of NaOH while the temperature is maintained at $< 50^\circ\text{C}$.

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'Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36108.

The yield of caprolactam amounted to 72%. Report XXXV
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